

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	3964	(guide near1 wire) same catheter same stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:52
L5	2719	(guide near1 wire) with catheter with stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:53
L6	963	623/1.13.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:53
L7	76	5 and 6	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:53
L8	777	(guide near1 wire) with catheter with stent with graft	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:54
L9	50	7 and 8	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 13:55
L10	1797	Garrison.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:02
L11	20	10 and stent and balloon and valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:02
L12	75	10 and balloon and valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:03
L13	159	("4122844" "5127393" "5167223" "5174278" "5231974" "5304183" "5392156" "5441042" "5441059" "5452733").PN. OR ("5613937").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:04
L14	1	"6425916".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:07
L15	14812	polymer and (shape near1 memory)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:26
L16	7159	polymer same (shape near1 memory)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:27
L17	4881	polymer with (shape near1 memory)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:27
L18	41	6 and 17	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:27
L19	118	polymer with (shape near1 memory) with valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:27
L20	0	6 and 19	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:27
L21	264	polymer with (shape near1 memory) same valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:27
L22	0	6 and 21	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:28
L23	39	valve same thicker same stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:40
L24	4	valve with thicker with stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:43

L25	35	stent with graft with thicker	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 14:49
L26	125	thicker near1 valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 15:09
L27	2	thicker near1 valve with stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 15:09
L28	1	6 and 26	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 15:10
L29	1	thicker near1 valve same heart	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 15:11
L30	167	inflow same outflow same valve same stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 15:12
L31	60	inflow same outflow same valve same stent same ring	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 15:12
L32	5	09/659882	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 15:36
S2	1	("4580573").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 11:13
S3	1	"5545179".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 12:33
S4	983	606/157,158.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 13:09
S5	479	606/158.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 14:15
S6	519	606/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 14:15
S7	474501	twist\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 14:16
S8	64	S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 14:16
S9	45	S8 and @pd<"20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 14:17
S10	2	11/008539	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 15:54
S11	1	"10535173"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 16:07

S12	19	S8 not S9	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 16:28
S13	433	S6 and @pd< "20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 16:31
S14	388	S13 not S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 16:31
S16	0	S7 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 16:34
S17	519	606/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:01
S18	631	606/157.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:01
S20	433	S17 and @pd< "20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:03
S21	399	S18 and @pd< "20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:18
S22	5405	606/200,191,213,153.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 16:29
S23	2589	S22 and @pd< "20031015"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 16:29
S24	4037294	occlusion or filter or plug or seal or embolic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:32

S25	5480	606/200,191,213,153.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:32
S26	2664	S25 and @pd< "20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:32
S27	1794	S24 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:33
S28	0	S27 and twist@4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:34
S29	27	twist@4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:34
S30	336	S27 and twist\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/23 16:34
S31	7	("2003/0153935").URPN.	USPAT	OR	ON	2008/07/23 16:37
S33	1	"10535173"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 09:04
S34	4041499	occlusion or filter or plug or seal or embolic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:17
S35	5483	606/200,191,213,153.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:17

S36	2664	S35 and @pd<"20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:17
S37	1794	S34 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:17
S38	336	S37 and twist\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:17
S39	519	606/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:19
S40	433	S39 and @pd<"20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:19
S41	2600	623/1.15,1.16.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:30
S42	1306	S34 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:31
S43	365	S42 and seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:32
S44	134	S43 and @pd<"20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 11:33
S45	1	("4580573").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/28 12:57

S46	4	S42 and (a adj seal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 13:24
S47	455	S42 and @pd<"20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 16:20
S48	2	S46 not S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 16:20
S49	321	S47 not S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 16:20
S51	2327255	seal or plug or occlusion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 09:39
S52	1747861	S51 and @pd<"20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 09:40
S53	2601	623/1.15,1.16.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 09:40
S54	380	S52 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 09:41
S56	4	((("5665117") or ("5843160") or ("5693088") or ("5709713"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 11:22
S57	1	"10535173"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:13
S58	4042382	occlusion or filter or plug or seal or embolic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 13:24

S59	519	606/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 13:25
S60	632	606/157.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 13:25
S61	5484	606/200,191,213,153.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 13:25
S62	214	S58 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 13:26
S63	278	S58 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 14:08
S64	10	((("6719781") or ("6616675") or ("6355052") or ("5108420") or ("5853422") or ("6589265") or ("5733294") or ("7144410") or ("3605721"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 14:34
S65	8546	stent and (wire near guide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 15:06
S66	3164	S65 and @pd<"20031015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 15:07
S67	1971	S58 and S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/30 15:07
S68	0	("36and24").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 15:08
S69	305	S67 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 15:09

S70	181424	funnel	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 08:54
S71	0	"606"/\$.clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 08:54
S72	1526	"606".clas. and S70	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 08:57
S73	364	S72 and (twist twisted twisting)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 08:57
S74	1008	S72 and (occlusion occlusive occlude occluded seal plug embolic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 09:06
S75	266	S73 and (occlusion occlusive occlude occluded seal plug embolic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 09:07
S76	8	09/801826	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 16:33
S77	241	600/235.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 16:39
S78	7	S76 and (twist twisting twisted plug seal funnel occlusion occlusive occlude occluded embolic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 16:41
S79	0	S76 and funnel	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 16:43
S80	0	S76 and web	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/31 16:43
S81	1	"5957913".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/01 10:05
S82	2221279	valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/01 10:11
S83	987	606/157,158.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/01 10:14
S84	160	S82 and S83	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/01 10:14
S85	102	S84 and (plug occlusion occlusive occlude occluded embolic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/01 10:15
S86	13	"543859"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/01 10:18
S87	1	"10535173"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 10:35
S88	1	"20070185518"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:22
S89	1039	606/157,158.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:35
S90	6634	606/148,153,191,200,213.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:36
S91	7601	S89 S90	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:37
S92	2857	S91 and handle	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:37
S93	2460	S92 and (suture or wire)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:38

S94	547	S93 and (flex or flexing or flexed)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:38
S95	579	S93 and (flex or flexing or flexed or flexion)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:39
S96	0	S95 and (handle with stress with beam)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 13:39
S97	2	((("4108211") or ("5449368")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/27 14:09
S98	1	"20070100206"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:09
S99	3	S97 S98	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:09
S100	14	"6,171,316"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:31
S101	1	"6171316".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:31
S102	1039	606/157,158.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 15:24
S103	6634	606/148,153,191,200,213.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 15:24
S104	1040	606/157,158.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:18
S105	560	septal same occlud\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 15:18
S106	2568	606/213,232.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:04
S107	512	S106 and (twisted or twisting or twistable or twist or twists)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:05
S108	1	"20010037053"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:21
S109	23	(US-20020151958-\$ or US-20030139802-\$ or US-20020029051-\$ or US-20030109893-\$ or US-20030040772-\$ or US-20030144725-\$ or US-20030229366-\$ or US-20070185518-\$ or US-20010037053-\$).did. or (US-6432116-\$ or US-6096052-\$ or US-6355061-\$ or US-5860998-\$ or US-5562728-\$ or US-5522822-\$ or US-4580573-\$ or US-5843160-\$ or US-5709713-\$ or US-5693088-\$ or US-5665117-\$ or US-5449368-\$ or US-5725552-\$ or US-5861003-\$).did.	US-PGPUB; USPAT	OR	ON	2009/03/31 17:23
S110	9	S109 and nitinol	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:23
S111	6452	self-expanding same stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:44
S112	4656	self-expanding near stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:45
S113	3089	S112 and nitinol	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:46
S114	8	09/801826	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:53

S115	0	S114 and nitinol	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:53
S116	0	S114 and expand	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:54
S117	0	S114 and expand\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:54
S118	0	S114 and memory	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:54
S119	145	("1157202" "1598284" "1810466" "2219564" "2305289" "2695608" "2835253" "3111943" "3244169" "3332417" "3347226" "3347227" "3397692" "3522800" "3523534" "3570475" "3729006" "3782370" "3797478" "3807393" "3841332" "3907389" "3915171" "3965890" "4024872" "4030500" "4096853" "4130113" "4188945" "4228792" "4239036" "4367728" "4399816" "4434791" "4485490" "4550713" "4553537" "4601710" "4654030" "4777943" "4889107" "4895565" "4903710" "4950222" "4984564" "4991593" "4998538" "5041095" "5045070" "5125897" "5158553" "5159921" "5161773" "5178162" "5188595" "5213114" "5234455" "5248304" "5263922" "5299582" "5309896" "5316541" "5342385" "5350364" "5364345" "5366478" "5368545" "5391156" "5429609" "5480410" "5514133" "5522791" "5524644" "5526536" "5545179" "5634911" "5634937" "5636645" "5640977" "5649550" "5653705" "5672168" "5707703" "5741234" "5741298" "5755660" "5769783" "5803921" "5810721" "5813409" "5832925" "5853395" "5899208" "5906577" "5947922" "5951467" "5957913" "5964781" "5997515" "6033426" "6033428" "6042573" "6048309" "6077288" "6110154" "6142935" "6142936" "6163949" "6164279" "6183486" "6254533" "6254534" "6346074" "6450983" "6578577" "6582364" "6623426" "D320658" "D343236" "D346022").PN. OR ("6846287"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:55
S120	5	S119 and memory	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 17:55
S121	2279	S113 and polymer	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 18:02
S122	115	polymer with memory with stent with expand\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 18:03
S123	1374	606/213.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 15:32

S124	272	S123 and stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 15:32
S125	414	623/1.24-1.25.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 15:45
S126	293	S125 and stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 15:46
S127	173	600/208.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:03
S128	10	09/801826	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:07
S129	236	thick same retractor	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:08
S130	92	thicker same retractor	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:09
S131	20	S130 and thick	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:09
S132	0	S128 and thick	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:10
S133	212	600/207.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:15
S134	70	("1598284" "3244169" "3347226" "3347227" "3397692" "3522800" "3797478" "3915171" "4228792" "5045070" "5158553" "5161773" "5213114" "5342385" "5350364" "5364345" "5366478" "5391156" "5480410" "5514133" "5522791" "5524644" "5526536" "5545179" "5634911" "5634937" "5636645" "5640977" "5649550" "5653705" "5672168" "5741234" "5741298" "5803921" "5810721" "5813409" "5832925" "5853395" "5899208" "5906577" "5947922" "5957913" "5964781" "5997515" "6033426" "6033428" "6042573" "6048309" "6077288" "6110154" "6142935" "6142936" "6254533" "6254534"). PN. OR ("6578577").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:25
S135	14	S134 and thick	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:25
S136	6	S134 and thicker	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:26
S137	31	("5526536" "5572743" "5636645" "5734992" "5853395" "5906577"). PN. OR ("6033428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:34

S138	148	("1157202" "1598284" "1810466" "2219564" "2305289" "2695608" "2835253" "3111943" "3244169" "3332417" "3347226" "3347227" "3397692" "3522800" "3523534" "3570475" "3729006" "3782370" "3797478" "3807393" "3841332" "3907389" "3915171" "3965890" "4024872" "4030500" "4096853" "4130113" "4188945" "4228792" "4239036" "4367728" "4399816" "4434791" "4485490" "4550713" "4553537" "4601710" "4654030" "4777943" "4889107" "4895565" "4903710" "4950222" "4984564" "4991593" "4998538" "5041095" "5045070" "5125897" "5158553" "5159921" "5161773" "5178162" "5188595" "5213114" "5234455" "5248304" "5263922" "5299582" "5309896" "5316541" "5342385" "5350364" "5364345" "5366478" "5368545" "5391156" "5429609" "5480410" "5514133" "5522791" "5524644" "5526536" "5545179" "5634911" "5634937" "5636645" "5640977" "5649550" "5653705" "5672168" "5707703" "5741234" "5741298" "5755660" "5769783" "5803921" "5810721" "5813409" "5832925" "5853395" "5899208" "5906577" "5947922" "5951467" "5957913" "5964781" "5997515" "6033426" "6033428" "6042573" "6048309" "6077288" "6110154" "6142935" "6142936" "6163949" "6164279" "6183486" "6254533" "6254534" "6346074" "6450983" "6578577" "6582364" "6623426" "D320658" "D343236" "D346022").PN. OR ("6846287"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:34
S139	102	PFO same plug	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/13 16:41
S140	1355	604/8,9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 16:30
S141	7055	stent same valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 16:31
S142	857	S141 and twist\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 16:32
S143	5959	stent with valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 16:32
S144	678	S143 and twist\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 16:32
S145	640	stent with (prosthetic near1 valve)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 16:36
S146	74	S145 and twist\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 16:36

S147	963	623/1.13.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:32
S148	250	S147 and twist\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:33
S149	232	S148 and stent	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:33
S150	7063	stent same valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:33
S151	25	S148 and S150	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:34
S152	1	10/430113	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:36
S153	0	"10430113"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:36
S154	0	"10434891"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:36
S155	2	((("6913625") or ("5338570"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/20 10:43
S156	2	((("5607463") or ("6124523"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/20 10:45
S157	86	("4416028" "4503569" "4512338" "4580568" "4731073" "4739762" "4816339" "4955899" "4969896" "5078726" "5084065" "5102417" "5123917" "5163951" "5195984" "5211658" "5282846" "5282848" "5282860" "5334201" "5354329" "5389106" "5674241" "5681345"). PN. OR ("6124523").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:49
S158	6	09/430154	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:01
S159	84	("4776337" "5122154" "5139480" "5158548" "5211658" "5236447" "5242399" "5258027" "5282823" "5344426" "5354309" "5383928" "5389106" "5395390" "5421955" "5437083" "5443496" "5458615" "5474563" "5507767" "5507768" "5514154" "5522881" "5527353" "5527355" "5546646" "5549663" "5554181" "5569295" "5591223" "5593417" "5603721" "5632840" "5645559" "5649950" "5649977" "5653727" "5653747" "5667523" "5683453" "5693085" "5700286" "5713949" "5718973" "5723003" "5728131" "5728158" "5735892" "5735893" "5738674" "5749880" "5755770" "5755774" "5766238" "5769884" "5810870" "5824037" "5824043" "5824046" "5824054" "5843161" "5843166" "5849037" "5851232" "5876448" "5928279" "6042605").PN. OR ("6579314"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 11:02

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